

JAL NIGAM YANTRIK SHAKHA U.P. JAL NIGAM MEERUT

Completion Plan of INDORE KHERA TW-1

DISTRICT BULAND SHAHAR

Type of Rig. m/c... R.C. 600/27.....

SIZE OF BORE 675/600.....

Spring Water Level 12.10 Mts.

Depth B.G.L Meter	Boring Chart with representation	Stratum	Executed Ass. mly
			0.15
		HARD CLAY	27.18
18.29		FINE SAND	
22.87		HARD CLAY	
32.01		FINE SAND	0.25
33.54		HARD CLAY	12.30
39.63		FINE TO MED SAND	
41.16		WITH SAND STONE	8.08
48.17		MED SAND WITH SAND STONE	4.73
52.44		CLAY & RANKER	4.90
57.93		MED SAND WITH SAND STONE	2.90
67.07		HARD CLAY & RANKER	
67.99		FINE SAND	
		VERY HARD CLAY	
83.84		VERY FINE SAND	
88.41		CLAY	
102.13		CLAY AND RANKER	
114.33			

ABSTRACT

1. Drilling Started.....27.2.85
2. Drilling Completed.....19.3.85
3. Lowering on.....19.3.85
4. Drilling Depth.....114.33M.
5. 350mm Dia Housing Pipe.....27.33.M.
6. 200mm Dia Blind Pipe.....19.93.M.
7. 200mm Dia Slotted Pipe.....12.28.M.
8. Discharge by Compressor.1130.4PM
9. Discharge by O. P. Unit.1760.4PM
10. Remark if any. —

As Executed

Countersigned

Yashu
J. E.

A. E.

[Signature]
E. E. 8/10/85

YIELD TEST REPORT BY COMPRESSOR

Date of Test 3/5/85 Static W/L 12.10 Mts Taste of Water. Sweet

Discharge by V. Notch	Sand Contents in PPM							Remarks
In inches	In Lpm	Start	5 Min.	10 Min	15 Min	30 M	60 M	
7"	1130	1200	400	150	60	20	Tr.	

Time	Discharge in L.P.M.	SWL in Mts	RWL in Mts	Depression in Mts	SAND CONTENTS IN P.P.M.						Recommendations.
					Starting	5 Min	10 Min	15 M	30M	HRS.	
13-0	1650	12-10	16-0	3-90	200	20	Tr	cl	cl	+	Recommended discharge 1760 LPM at 4:35 mts depression.
13-45	1760	12-10	16-45	4-35	250	40	10	cl	cl	cl cl	
16-0	1850	12-10	16-90	4-80	320	60	30	Tr	cl	+	Recommended Pumping plant discharge.....Lpm
16-45	2040	12-10	17-80	5-70	500	100	50	30	Tr	+	
-	-	-	-	-	-	-	-	-	-	-	

sd.
(K.C. SARENG)
J. E.

(K.V. SINGH)
A. E.

(G.S. SINGH)
E. E.

VERTICALITY TEST REPORT

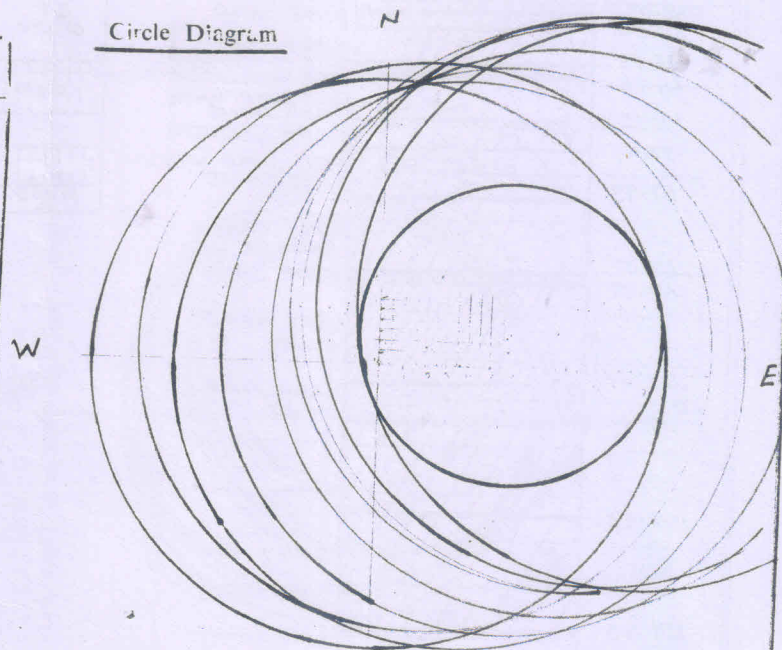
DIA of Disc...12 3/4" Dia of HOUSING I.D....13 1/4" DATE OF TEST...5-12-85

Height of Suspension...10'

Clearance...1 1/4"

DEPTH of Disc	Observed Deviation IN INCHES				Actual Deviation IN INCHES			
	E	W	N	S	E	W	N	S
BGL In FEET								
0	-	-	-	-	-	-	-	-
10	7/8	-	1/4	-	2"	-	3/4	-
20	9/8	-	-	-	3 5/8	-	-	-
30	1 1/8	-	3/16	-	5 3/4	-	1	-
40	3/2	-	5/16	-	8 1/2	-	1 13/16	-
50	23/16	-	7/16	-	8 7/8	-	2 3/8	-
60	2 1/16	-	3/8	-	9 7/16	-	2 7/8	-
70	5/4	-	3/8	-	10 1/4	-	3 1/4	-
80	2 1/16	-	5/16	-	12 1/4	-	3 1/16	-
90	-	-	-	-	-	-	-	-

Circle Diagram



CLEAR SPACE 8" S At 60'
7" At 80'

CHEMICAL TEST REPORT

CEO/EVN/5728
DATE OF TEST 14/3/86

AGENCY :- UNIVERSITY OF ROORKEE

Mg/Lit		mg/Lit		mg/Lit		mg/Lit	
Colour		Hardness Temp.	15	Chlorides	8.0	BACTERIOLOGICAL:-	
Nitrates NITROGEN	0.002	Copper	-	Nitrites Nitrogen	NIL	Total count on agar at 37°C	
pH	7.4	Iron	-	Fluorides	-	24 HRS 25 counts/ml	
Total Solids	330	Total Alkalinity	-	Amonical NITROGEN	0.001	MPH coliform counts per ml 23	
Dissolved Solids	-	Sulphates	-	ORGANIC NITROGEN	0.002	Remarks:- The water can	
Solids Solids	2.0	Calcium	-	COD	0.1	be used for drinking purpose	
Total Hardness(CaCO ₃)	300	Magnesium	-			after proper chlorination.	
Permanent Hardness	285	Turbidity	0.85			c - 5	

Draughts Man

(V.K. SARMAN)
J.E.

A.E.

E.E.